

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  030943PC	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.  PCT/AU2004/001107	International filing date ( <i>day/month/year</i> )  19 August 2004	(Earliest) Priority Date ( <i>day/month/year</i> )  19 August 2003
<p>Applicant  TRAMANCO PTY LTD et al</p>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box No. II).

3.  Unity of invention is lacking (See Box No. III).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/AU2004/001107

**Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)**

A method for logging the performance of a vehicle suspension system including the steps of measuring the dynamic effect of an impulsive load with an electronic weighing system (17), wherein the electronic weighing system (17) is mounted onboard the vehicle, and determining one or more parameters selected from the group consisting of the dampening ratio of the suspension, the oscillation frequency of the suspension and the impact loading of the vehicle as well as determining the condition of the road itself at any point and at any time.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001107

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: B62D 24/04 B60G 13/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT: suspension, damper, shock absorber, test, analyse, measure, assess, determine, impulse, impact, load, pressure, frequency, damping, force, load cell, strain gauge, weight, transducer

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 42 26 101 A1, (PORSCHE AG F) 10 February 1994 Whole document	3, 7
X Y	ZA 9 301 540 A (LEHMANN D J) 24 November 1993 (abstract) World Patents Index [online]. London, U.K.: Derwent Publications, Ltd. [retrieved on 2004-10-29]. Retrieved from: Questel/Orbit, Paris, France. DW9016, Accession No. 94-049190. Abstract only	1, 2, 4 3, 7

Further documents are listed in the continuation of Box C       See patent family annex

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search 1 November 2004	Date of mailing of the international search report 12 NOV 2004
Name and mailing address of the ISA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorised officer  ROSS BURDON Telephone No : (02) 6283

**INTERNATIONAL SEARCH REPORT****Information on patent family members**

International application No.

PCT/AU2004/001107

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member
DE 42 26 010	-none-
ZA 9 301 540	-none-

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX